

# ALEXANDER COHEN

Full Stack web developer with extensive experience creating, testing, and maintaining web applications. Passionate towards software architecture and design with a particular inclination to providing high quality solutions to businesses.

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Github profile

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Montreal, QC

[LinkedIn Profile](#)



## EXPERIENCE

### BioSyncroTek

Full Stack Developer - Typescript NodeJS, Python, React, Docker

Sept 2020 - Current

Montreal, QC

- Fulfilled the role of enhancing the user experience by improving accessibility and navigation increasing product sales by 13%
- Collaborated with team members to migrate a multi-page user experience into a single page user experience, improving customer engagement by 8%
- Partnered with data scientist team to develop a product suggestion engine, increasing average user time by 4 minutes
- Migrated host databases over to Google Firebase, mitigating potential security risks of sensitive client information to potential attackers, as well as lowering overhead infrastructure costs by 6%
- Worked alongside backend team to add OAuth2 using Facebook and Google services, increasing user base by 11% over the previous quarter

## PROJECTS

### Monolink Music Link Converter - [Github Repo](#)

Automatically converts song url into each respective link from Youtube/Apple/Spotify including the details of the song such as the cover album, artist, etc.

Team Project of 2 People

React, NodeJS, MongoDB, Docker

- Coordinated with team members to develop a frontend system for an enhanced user experience.
- Setup user authentication (Sign In/ Sign Up) system.
- Migrated password database to Firebase for enhanced security, as well as to simplify ease of use for data management.
- Setup routes for authentication, searching, filtering, etc.
- Extracted information from the provided URL to search the respective APIs.
- Worked alongside team members to develop front end system.

### Ecommerce Platform - [Github Repo](#) [Trello](#)

E-commerce Platform for individual sellers tailored towards the average consumer selling a wide away of products such as clothing, electronics, etc.

Team Lead Project of 12 People ViewJS, Python Django, MySQL

- Coordinated with team members to plan, develop, test and present the platform.
- Established development teams and assigned members to individual teams based on aptitudes/skills and personalities.

## TECHNICAL SKILLS



### Front End

HTML

CSS3

Sass



### Back End

NodeJS

PHP

Apache/Rest

MySQL/MongoDB



### Tools

Git (Git flow)

Github

JUnit

Docker

Bash/Linux



### Frameworks

ReactJS

Java Spring

Python Django



### Other

CI/CD

Data Science and ML

C++

## SOFT SKILLS

Bilingual English/French

Strong Communicator

Excellent Team Player

Creative Problem Solver

Time Management

## EDUCATION

B.S.C Computer Science

Concordia University

Sept 2017 - June 2021 Montreal, QC

- Provided structure to the development process using Agile workflow.
- Spearheaded weekly meetings with teams to monitor progress, as well as help resolve any issue/concerns during the inside or outside the development process.
- Assisted members in facing challenges during development by coordinating work tasks for each team, managing conflicting workflows, and providing solutions to any technical problems.
- Ensuring deadlines for project goals are met in a timely matter on an individual basis.
- Monitoring team member progress to assist in meeting project goals.
- Implemented project monitoring using Trello work process.